Serial No. 08/466,921 Attorney Docket No.: 3495,0008-09

IN THE CLAIMS:

Please amend the following claims:

32. (Amended) A purified DNA fragment of HIV-1 having a BamHI site at approximately 8150 and a BgIII site at approximately 9150, wherein the DNA fragment consists of a restriction fragment generated by the BamHI site at approximately 8150 to the BgIII site at approximately 9150, and wherein said fragment is capable of hybridizing to the corresponding \$\lambda J19\$ restriction fragment under hybridization conditions of 20% formamide, 8X SSC, at 37°C, with washes in 2X SSC, 0.1%SDS, at 37°C.

- 33. (Amended) A purified DNA fragment of HIV-1 having a *Bam*HI site at approximately 8150 and a *Bgl*II site at approximately 8750, wherein the DNA fragment consists of a restriction fragment generated by the *Bam*HI site at approximately 8150 to the *Bgl*II site at approximately 8750, and wherein said fragment is capable of hybridizing to the corresponding \$\frac{\lambda{J19}}{\lambda{J19}} \text{ restriction fragment under hybridization conditions of 20% formamide, 8X SSC, at 37°C, with washes in 2X SSC, 0.1%SDS, at 37°C.
- 34. (Amended) A purified DNA fragment of HIV-1 having a *Kpn*I site at approximately 6100 and a *BgI*II site at approximately 6500, wherein the DNA fragment consists of a restriction fragment generated by the *Kpn*I site at approximately 6100 to the *BgI*II site at approximately 6500, and wherein said fragment is capable of hybridizing to the corresponding λJ19 restriction fragment under hybridization conditions of 20% formamide, 8X SSC, at 37°C, with washes in 2X SSC, 0.1%SDS, at 37°C.

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35. (Amended) A purified DNA fragment of HIV-1 having a *Kpn*I site at approximately 6100 and a *BgI*II site at approximately 8750, wherein the DNA fragment consists of a restriction fragment generated by the *Kpn*I site at approximately 6100 to the *BgI*II site at approximately 8750, and wherein said fragment is capable of hybridizing to the corresponding λJ19 restriction fragment under hybridization conditions of 20% formamide, 8X SSC, at 37°C, with washes in 2X SSC, 0.1%SDS, at 37°C.

- 36. (Amended) A purified DNA fragment of HIV-1 having a *Kpn*I site at approximately 6100 and a *BgI*II site at approximately 9150, wherein the DNA fragment consists of a restriction fragment generated by the *Kpn*I site at approximately 6100 to the *BgI*II site at approximately 9150, and wherein said fragment is capable of hybridizing to the corresponding λJ19 restriction fragment under hybridization conditions of 20% formamide, 8X SSC, at 37°C, with washes in 2X SSC, 0.1%SDS, at 37°C.
- 37. (Amended) A purified DNA fragment of HIV-1 having a *Kpn*I site at approximately 3500 and a *Kpn*I site at approximately 6100, wherein the DNA fragment consists of a restriction fragment generated by the *Kpn*I site at approximately 3500 to the *Kpn*I site at approximately 6100, and wherein said fragment is capable of hybridizing to the corresponding λJ19 restriction fragment under hybridization conditions of 20% formamide, 8X SSC, at 37°C, with washes in 2X SSC, 0.1%SDS, at 3//°C.
- 38. (Amended) A purified DNA fragment of HIV-1 having a *Kpn*I site at approximately 3900 and a *Kpn*I site at approximately 6100, wherein the DNA fragment consists of a restriction

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